

Commonwealth of Puerto Rico  
PUERTO RICO AQUEDUCT & SEWER AUTHORITY  
P. O. Box 7066 - Barrio Obrero Station  
San Juan, Puerto Rico

J.A.Y. ~~MM~~  
CO 84  
LS 282

June 12, 1986

Mr. Pedro A. Gelabert  
Director, Caribbean Field Office  
1413 Fernández Juncos Avenue  
Santurce, Puerto Rico 00909

Re: Site Inspection Report  
Superfund Program

U.S. ENVIRONMENTAL PROTECTION  
AGENCY REGION I  
1986 JUN 18 PM 2:49  
CARIBBEAN FIELD OFFICE  
SANTURCE, PUERTO RICO

Dear Mr. Gelabert:

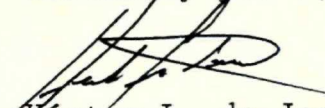
Reference is made to your letter on subject matter for the Arecibo Landfill.

According to subject report the Arecibo Landfill covers 88.5 acres of low lying farm area. It is neither capped nor lined. Most of the landfill would constitute a recharge area to the Aymamon Aquifer. The bedrock is limestone with solution cavities, which is very permeable (greater than  $10^{-2}$  cm/sec.). The depth to the bedrock is 200 ft.

Metallic and pharmaceutical process sludges are dumped daily on said landfill (approximately 20 tons/ day). Sample analyses of the surface waters indicate heavy metals are present in concentrations greater than the maximum Contaminant Levels established in the National Primary Interim Drinking Water Regulations. Contaminants may leach into the limestone aquifer underlying the site, which is a major source of drinking water.

Based on the above data, we are of the opinion that this site must have a **high** priority on the Superfund Program.

Cordially yours,

  
Héctor L. de Jesús  
Chief, Sewer Department

